

IN THE CLAIMS:

1. (Currently amended) A solid oxide fuel cell, comprising:

~~an a porous doped-ceria anode including a first portion of doped ceria,~~
~~wherein said first portion of doped ceria is deposited by colloidal spray deposition,~~
wherein said anode is doped with samarium oxide;

~~an a doped-ceria electrolyte including a second portion of doped ceria~~
adherent to said anode;

a doped-ceria layer adherent to said doped-ceria electrolyte; and

a cathode including at least one cobalt iron manganese based material,
wherein said cathode is adherent to said doped-ceria layer, ~~wherein said fuel cell is~~
~~capable of operating in the temperature range of 400-700°C.~~

2. (Previously presented) The fuel cell of Claim 1, wherein said anode comprises
NiO and doped-ceria.

3-6. (Canceled)

7. (Currently amended) The fuel cell of Claim 1, wherein said cathode is selected
~~from the group consisting of (La, Sr)(Co, Fe) O₃, and~~ comprises (La, Ca) (Co, Fe,
Mn)O₃.

8-20. Canceled